



Islamabad Model College for Boys H-9, Islamabad

Home Assignment during Pandemic Closure November – December 2020

Note: - Submission Date is first week after January 11, 2021 or whenever the college will re-open.

Class: 2nd Year

Subject: Statistics

Assignment for Week 1 (Chapter # 18)

Q1) Short Questions/ Definitions:

- i) Variables and Attributes
- ii) Association, positive and negative association
- iii) Class, Order of a class, Class Frequency, Contingency Table
- iv) Coefficient of Association

Q2) Long Questions:

Question number: 18.7 (Exercise),

Assignment for Week 2 (Chapter # 11)

Q1) Short Questions/Definitions:

- i) Probability
- ii) Random Experiment
- iii) Sample Space, Event
- iv) Mutually Exclusive Events, Independent Events, Simple Event, Compound Event

Q2) Long Questions

Question number: 11.29, 11.30, 11.49 (Exercise)

Assignment for Week 3 (Chapter # 12)

Q1) Short Questions/Definitions:

- i) Random Variables, Discrete and Continuous Random Variables
- ii) Probability Distribution
- iii) Mathematical Expectation and its Properties
- iv) Variance and its properties

Q2) Long Questions

Question number: 12.17, 12.18, 12.23